

PATENT ABSTRACTS OF JAPAN

(11) Publication number : 08-159967
 (43) Date of publication of application : 21.06.1996

(51) Int.Cl. G01N 21/35
 G01N 21/61
 G01N 35/00

(21) Application number : 06-331209
 (22) Date of filing : 07.12.1994

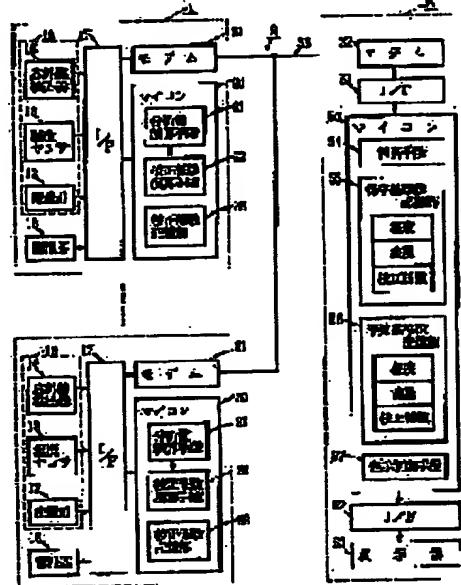
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(54) MANAGEMENT SYSTEM FOR ANALYZER

(57) Abstract:

PURPOSE: To perform centralization management of analyzer, and predict exchange time of parts and failure thereof by comparing maintenance reference value of each part of a detection part previously storing measured value with prediction reference value of replacement or maintenance time of parts.

CONSTITUTION: A maintenance reference value storing part 55 and a prediction reference value storing part 56 previously store a value to be a reference as to whether the replacement or maintenance of each part of a detection part 10 is needed or not and its time approaches or not. For instance, an electronic cooler for dehumidification of gas to be inspected is controlled to be at $5^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$, since moisture separation can be sufficiently performed at 15°C , 15°C is stored (55) as a maintenance reference value and for instance, 10°C is stored as a prediction reference value (56). A discrimination means 54 outputs a maintenance signal of the electronic cooler if measured temperature from a temperature sensor 13 reaches maintenance reference temperature (15°C), sends a reference signal to inform the operator if the measured temperature is between the prediction reference temperature (10°C) and the maintenance reference temperature (15°C).



LEGAL STATUS

[Date of request for examination] 12.03.1998

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3334391

[Date of registration] 02.08.2002

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]